



# cobas<sup>®</sup> 5800 System

*Innovation made accessible*



cobas<sup>®</sup>

Laboratories face competing pressures to **streamline cost, add value, and drive growth** while empowering employee productivity and enabling better patient decision-making.

**The right balance to make a real difference.**

The challenges of running a lab are varied and complex, leading to trade-offs between flexibility, performance, efficiency, value, sustainability and success. The **cobas**<sup>®</sup> 5800 System helps to find the right balance by making laboratory innovation accessible to all.

## Metrics that matter



\*Pending inclusion on the ARTG

<sup>†</sup>Up to 96 results can be generated with walkaway time of up to 6 hours. Under continuous testing conditions for greater than 96 tests, walkaway time is up to 4 hours.



The **cobas**<sup>®</sup> 5800 System delivers Roche's proven molecular concept from a compact footprint, enabling laboratories of all sizes to transform their approach to testing with **automation, consolidation, integration** and **standardisation**.

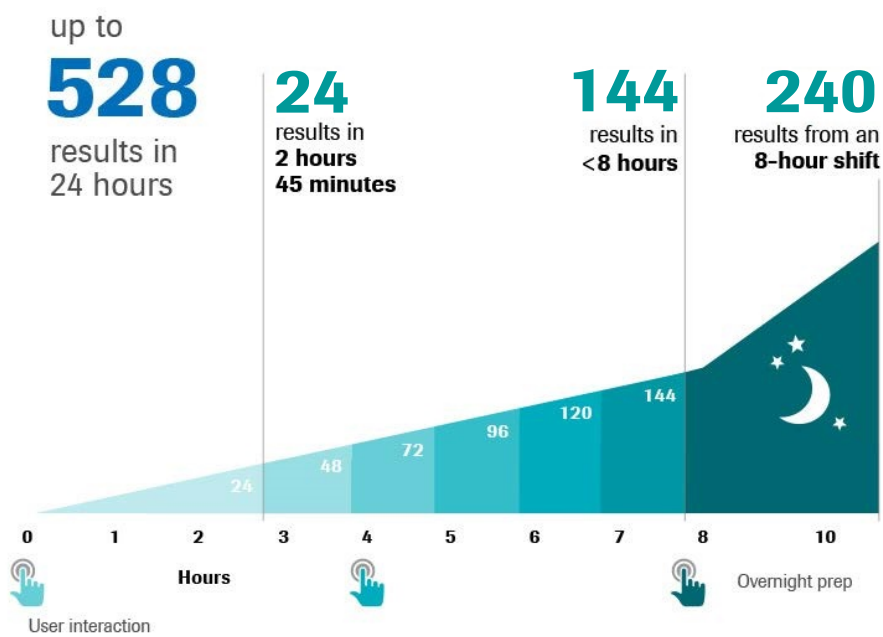
## Automation

*Simple and efficient with up to 4 hours of walkaway time\**

Improve productivity, reduce the opportunity for error, and deliver more predictable turnaround times with full automation—from sample supply, transfer, and preparation to amplification and detection, result calculation and delivery to the laboratory information system (LIS).

- Flexible loading of samples, reagents and consumables
- Prioritisation of specific samples or assays
- Customisable control concept

### cobas® 5800 System throughput



\*Walkaway time is dependent on the number of tests performed and number of runs initiated. Up to 96 results can be generated with walkaway time of up to 6 hours. Under continuous testing conditions for greater than 96 tests, walkaway time is up to 4 hours.



**cobas® 5800 System:**  
Up to 4 hours walkaway time\*



## Consolidation

### Run routine testing on a single platform

The **cobas**® 5800 System offers the same menu\* as the **cobas**® 6800/8800 Systems, including the **cobas omni** Utility Channel, allowing you to run laboratory developed tests (LDT) on the same system as IVD assays.

- Increase capacity and capability from a small footprint
- Reduce the need for dedicated instruments
- Run IVD assays and LDTs simultaneously

\*Pending inclusion on the ARTG

## Broad and expanding menu\*\*

*Clinically relevant, comprehensive and focused on development for tomorrow*

DONOR SCREENING	INFECTIOUS DISEASES	SEXUAL HEALTH	TRANSPLANT	RESPIRATORY	ANTIMICROBIAL STEWARDSHIP
MPX*	HIV-1†	HPV**	CMV*	SARS-CoV-2*	MTB-RIF/INH
WNV	HBV	CT/NG	EBV*	SARS-CoV-2 + Influenza A/B*	
DPX	HCV*	TV/MG	BKV*	MTB	
HEV	HIV-1/2 Qual*	Vaginal Health panel (BV/CV)		MAI	
CHIKV/DENV	HBV RNA (RUO)			MPLX Respiratory	
Zika	HBV RNA (IVD)				
Babesia	HDV				
Malaria					
MPX-E	<b>cobas omni</b> Utility Channel				

<b>KEY</b>	Available for <b>cobas</b> ® 6800-8800 systems	Not included on ARTG for <b>cobas</b> ® 6800-8800 systems	In development	* Pending inclusion on the ARTG for <b>cobas</b> ® 5800 system	** Self sampling included on the ARTG	*Also for use with <b>cobas</b> ® Plasma Separation Card
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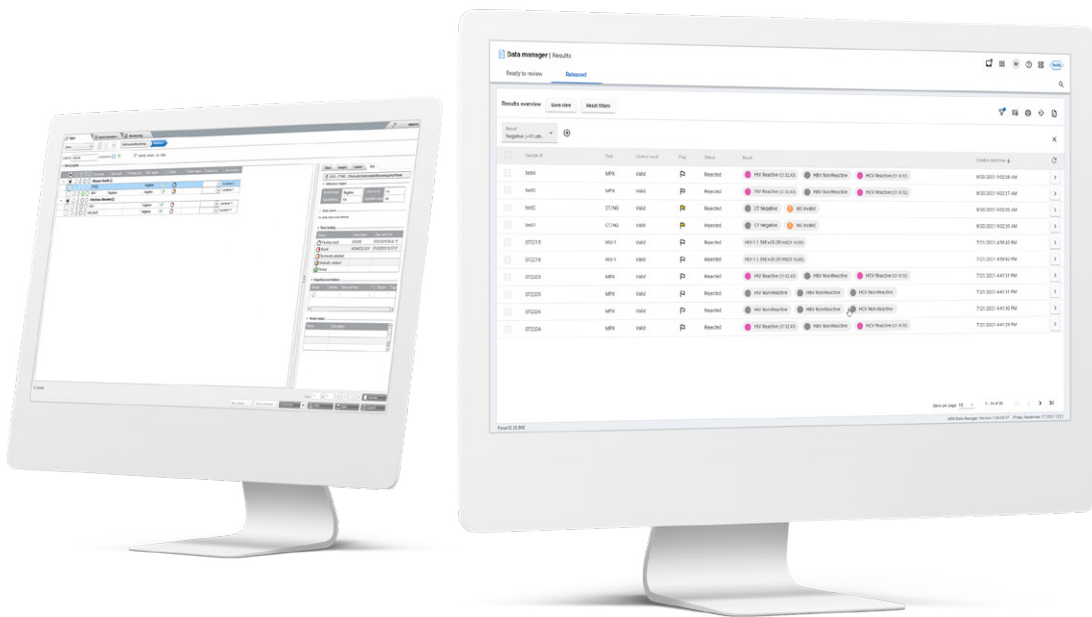


## Integration

*Built-in scalability to react flexibly to changing needs*

Easily extend automation across your entire workflow, implement advanced analytics, and leverage lean processing and sorting capabilities.

- Connect seamlessly with your existing IT infrastructure
- Generate laboratory specific insights to drive efficiency and productivity
- Include pre-analytical automation for greater simplicity of the entire workflow



## Standardisation

### *Setting new standards with proven performance*

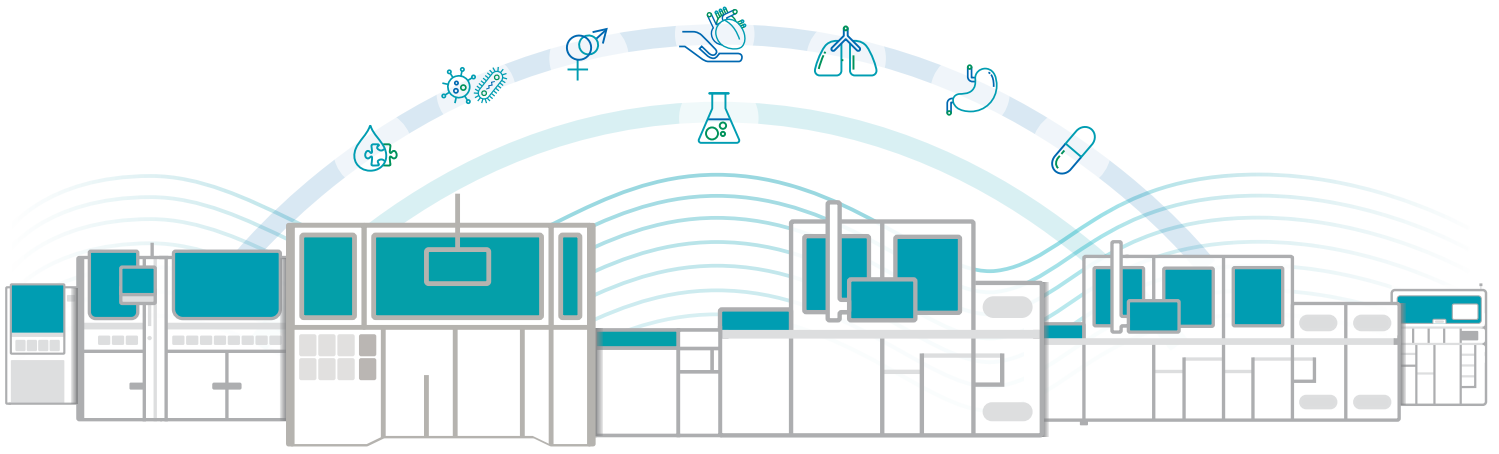
Eliminate variability between operators and assays with streamlined processes and consistent workflows across all Roche systems

- Common assays, reagents and user experience across platforms
- Streamline training for technicians to minimise on-boarding effort
- Deliver consistent patient results to inform appropriate management



The **cobas<sup>®</sup> 5800 System** doesn't cut corners; **it fits neatly into them.**





# Be the engine that drives healthcare systems forward

The **cobas**<sup>®</sup> 5800 System is an integral part of Roche's proven Molecular Work Area concept. Built-in scalability allows you to react flexibly to your changing needs, elevating the value of your laboratory across the entire organisation while putting sustainability and success right at your fingertips.

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